

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-850828AA

Call Sign: KTGG

AM BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license,¹ the LICENSEE

SPRING ARBOR COLLEGE

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time
OCTOBER 1, 1989 in accordance with the following:

1. Station location: Spring Arbor, MI

2. Main Studio location:
(Listed only if not at
transmitter site or not
within boundaries of
principal community)

3. Remote control location: 106 Main St.
Spring Arbor, MI

4. Transmitter location: Cochran Rd., 1.6 miles West
of Horton, MI

North latitude : 42 ° 09 ' 08 "
West longitude: 84 ° 32 ' 56 "

5. Transmitter(s): Type Accepted. (See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.)

6. Antenna and ground system: Vertical, guyed, shunt-excited, steel radiator of uniform cross-section.
Overall height: 329 feet; Height of radiator: 326 feet; .51 wavelength. 120 buried
copper wire radials 160 feet long. Theoretical efficiency is 302.5 mV/m/km.

7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: 1, 3, 12 & 21.

8. Frequency (kHz.): 1540

9. Nominal power (kW): 0.25 Day
Night

Antenna input power (kW): 0.153 Day
Night

☒ Non-directional antenna: current 1.44 amperes; resistance 74.0 ohms.
☐ Directional antenna : current amperes; resistance ohms.

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☐ Directional antenna : current amperes; resistance ohms.

10. Hours of operation: Specified in construction permit (BP -850909AA

11. Conditions: The antenna shall be excited with a symmetrical folded unipole feed, utilizing
a minimum of three folds (no slant wire is authorized).

The Commission reserves the right during said license period of terminating this license or making effective any change or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934, as amended.

¹ This license consists of this page and pages

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OCT 11 1985

Dated: OCT 10 1985

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